



31860X^{Q&As}

Avaya IX Calling Design

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QUESTION 1

The following endpoints are being requested for an Avaya Aura solution:

300 9611G telephones running H.323 100 9641GS telephones running SIP 50 J129 telephones 50 Analog telephones
20 DCP telephones 75 Avaya Equinoxclients

How many registrations will Session Manager have to support?

- A. 225
- B. 175
- C. 100
- D. 75

Correct Answer: D

QUESTION 2

A customer has 80 remote users, and you expect 25% of the users will be connected at any one time using G.729. Assuming the following requirements:

a G.729 codec requires 30 kbps a G711 codec requires 80 kbps 720p HD video codec requires 512 Kbps

How much bandwidth is needed for a public interface WAN link of the centralized SBCE for the deskphones used by remote workers?

- A. 6400 Kbps
- B. 2400 Kbps
- C. 1600 Kbps
- D. 600 Kbps

Correct Answer: A

QUESTION 3

You are trying to determine how many Basic and Mainstream licenses are needed to support a proposal for Avaya IX Messaging.

Which feature requires a Mainstream license?

- A. Multiple greetings



- B. Full synchronization with 0365 email applications
- C. Distribution lists
- D. Multiple Telephone User Interfaces (TUIs)

Correct Answer: C

QUESTION 4

In an Avaya Aura 8.1 deployment, where do Remote SIP Workers ultimately register?

- A. Session Manager
- B. Communication Manager
- C. Avaya Device Adapter
- D. System Manager

Correct Answer: C

QUESTION 5

You are working on a solution design for an Avaya Aura 8.1 solution and estimating how many Digital Signaling Processor (DSP) resources will be needed.

Which two types of calls require DSP resources? (Choose two.)

- A. H.323 to H.323 calls
- B. ad hoc conference calls
- C. SIP to H.323 station calls
- D. SIP to SIP calls

Correct Answer: C

QUESTION 6

You have a customer who requires both SIP Trunking and Remote Workers. After examining the features needed overall, you have determined that 700 Core Suite licenses are required. You still need to quote SBCE licenses, in addition to the entitlements included with Core Suite licenses, to support a total of 120 PSTN SIP trunks and 330 remote workers. The customer has agreed to a 3 remote worker users to 1 session access basis- How many additional standard and advanced a la carte SBCE licenses are needed? (Choose two.)

- A. 30 SBCE Standard Licenses



- B. 20 SBCE Standard Licenses
- C. 10 SBCE Advanced Licenses
- D. 20 SBCE Advanced Licenses

Correct Answer: C

QUESTION 7

A customer has a branch location with the following requirements:

24 H.323 Endpoints 30 SIP Endpoints 1 DS-1 for PSTN trunking 15 Analog Ports Survivability for all endpoints in event of WAN fail

What is the least cost gateway solution that meets all of these requirements?

- A. G450 Media Gateway with S8300
- B. G450 Media Gateway
- C. G430 Media Gateway
- D. G430 Media Gateway with S8300

Correct Answer: C

QUESTION 8

A customer wants to upgrade their current S8720 Communication Manager 4 (CM) system. They have 2200 users, and a mixture of analog, DCP and IP telephones at their main location. They have six branches with 200-300 stations each served with G700 gateways, each containing an LSP. They want to gain the cost benefits of SIP trunking, and are reluctant to change out the user endpoints, but they want to experiment with a few SIP telephones for some of their remote agents. Survivability and resiliency are essential requirements.

Which elements are required for the solution?

- A. Survivable Remote, CM Duplex Core, and Session Border Controller for Enterprise (SBCE)
- B. Session Manager (SM), System Manager (SMGR), CM Duplex Core, Survivable Remote with Branch Session Manager, and Session Border Controller for Enterprise (SBCE)
- C. Session Manager (SM), System Manager (SMGR), Survivable Remote with Branch Session Manager, and CM Duplex Core
- D. Survivable Remote with Branch Session Manager, CM Duplex Core, and Session Border Controller for Enterprise (SBCE)

Correct Answer: A



QUESTION 9

The account team is concerned about limitations associated with analog licenses that you have included in your solution design.

Which two characteristics of analog licenses would you share with the account team? (Choose two.)

- A. It is possible to uplift an analog license to a Core suite license.
- B. Analog users will get all benefits of a Core license user; the only difference is the device.
- C. Analog license users can coexist in the same Communication Manager with Mobility and Collaboration users.
- D. The percentage of analog licenses, within a solution, cannot exceed 60% of the total number of licenses.

Correct Answer: AC

QUESTION 10

If a customer has an Avaya Aura 7.0 and shuffling is turned on within Communication Manager, which statement describes the media processing resource (DSP) requirements for a two-party call originated by a SIP station and terminated by an .H323 IP Trunk being recorded?

- A. Multi-party (i.e. 3-party or greater) calls cannot shuffle, and require media-processing channels for the entire call.
- B. SIP-SIP two-calls will use SIP Direct Media, so no media-processing channels are required for this call.
- C. This call cannot shuffle, and one media-processing channel is required for the entire call.
- D. This call will shuffle after initial call set-up; i.e., one media-processing (DSP) channel is required for the first 20 seconds of the call, for each party.

Correct Answer: C

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